

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: John Shuster <jshuster@olympic.net>
Subject: [5855] 1000 mile/watt award qualifiers?
Message-ID: <01BB14F5.2A9A02E0@oly3-116.olympic.net>

To All:

I got four QSL cards in the mail that I think qualify for the 1000 =
mile/watt ARCI certificate. How do I go about nailing down the =
distances in an accurate manner and documenting things for submission? =
Here are the specifics:

Port Orchard (Seattle) to YJ8AA, Port Vila, Vanuatu. MFJ 9020, measured =
at 4.5 watts out by my OHR WM-1.

Port Orchard, WA to JA2FEA, Nagoya, Japan. Same rig and output.

Port Orchard, WA to N1TKS, Greenwich, CT. OHR Explorer, measured at 2.0 =
watts out by the WM-1.

Port Orchard, WA to AB5YY, Forest, MS. NC40A, measured at 1.8 watts out =
by the WM-1.

Any help appreciated.

73,

John
KC7CKP

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [5820] 49'er
Message-ID: <9603181743.AA26114@itg.ti.com>

From: Brad Bradfield QLF

Subj: 49'er

Well, my 49'er parts package arrived last Thursday. Worked on it as I had time
over the weekend, and last night it saw "First RF." (Is that the radio
equivalent of First Light??)

Powered her into a dummy load and heard the output on my MFJ-9040. Could also
hear the VXO "back wave" during key up. Did not take time to fire her into an
antenna, so have not tried the receiver.

I didn't even try to put the battery inside the Altoids tin. Simply came out through a very small grommet to the battery holder on the outside. Found out real fast that this super thin tin is rather hard to work because of drill bit drift when drilling. I do not have a drill press which would have worked better, but I usually do quite well with a hand drill in "normal" aluminum.

Will keep y'all posted when I get her on the air. Have already chosen to name her (Doesn't everyone name thier radios??) the "Altoid Droid."

73's

Brad, WB0CGH
Corinth, TX

QLF @ MSG.TI.COM

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: jwg6@cornell.edu (Joel Govostes)
Subject: [5802] 49'er query and measuring power output?
Message-ID: <v02120001ad730c24fb4c@[132.236.155.121]>

I'm new to this group and need some info to get up to speed

What the heck is a 49'er??? I've looked on the qrp-1 web page and find no reference to this particular model. Sounds popular

I'll soon be back on 7.040 (only) with a single 2N2222 transmitter, with which I have worked as far as TX. I built it according to plans from a CQ mag a couple of years ago. The power supply gives the circuit 12 volts, yet I am unsure what the power output is. Perhaps 25-50 milliwatts. If I were to measure the current and voltage at the output to figure power, how could I do it? Just measure across the antenna terminal (to ground side)?? With or without antenna connected? I realize this is rather elementary but I've never had occasion to do this before, and would really like to know what flea-power level I'm actually running. Also, I want to try powering it with 9 volts and see if it still gets out, and at what level.

Many thanks, N1AEP

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Joel Malman <malman@bbnplanet.com>

Subject: [5858] 49'ers, NE-QRP Net
Message-ID: <9603182159.aa02637@poblano.bbnplanet.com>

Group,

Seems like everyone has been getting their 49'er kits in the mail, and getting them up and running I have not yet received my kit, sniff.

On another subject, I would like to checkin to the NE-QRP (SSB) Net, which is supposed to meet at 2100 EST, Monday on 3855. I have been checking the freq for the last few weeks and have not heard anything relating to the Net. Does anyone know about schedule and/or freq changes for the NE-QRP Net?

thanks, 72,3

joel wa1qvm malman@bbn.com

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [5800] 50 W QRP & a TT Scout
Message-ID: <m0tycxV-0000CTC@rcp.net.pe>

Vernon et al,

I heard a similar QSO on 30 meters last night between W8BVJ & K5IDP (Had the Scout). To my consternation I stood by copying the QSO, but neither could hear me. They went back and forth from QRO to QRP, however both were pretty good copy down here in Lima. My Expl II and its 2 Watts just did not raise a QRZ?.

There was another QSO N1RZK wid W8AW, and also KK5LW wid WA8UCQ, but they did not hear me either. I'm in there fellows, but you have to listen carefully.

BTW the Explorer II is one sharp receiver, quiet too. I do not know what the S/N ratio is but no hiss nor sparkplug noise. I usually have to use a Noise Blanker on my TT Delta II.

Kris
OA4DBO

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Todd Nichols <nichols@rtp.ericsson.se>
Subject: [5807] Another 49'er emerges...

Message-ID: <199603181425.JAA28538@rtpworkmanager.rtp.ericsson.se>

Well, I gleefully ripped open an envelope 'o parts from Jim Cates Friday. 49'er parts! Sometimes I'm just lazy, and don't want to scrounge all the parts. I had ordered the board and partially populated it with the ones I did have from ye olde junqueboxe, but I didn't have the hard-to-find ones (seems like there always are those, and I bet that if you polled hams, we probably all lacked the SAME ONES).

Anyway, I had mentioned previously that I had acquired some Nuttall's "Curiously Strong" mints boxes while in the Gatwick airport in London. A British gent had posted some time ago about these mint boxes, and I had gotten the idea that these were the famous Altoids boxes. Perhaps they are the G-land equivalent. I had gotten confused because I could not find the word "Altoid" ANYWHERE on this box. It does say, "Despite their diminutive nature, one should not underestimate the ability of these small peppermints to refresh the palate" I think that it's wonderful to put a QRP rig in a box that is labelled "Curiously Strong", and when I see that little slogan, I think, "Despite its diminutive nature, one should not underestimate the ability of this small radio to make worldwide wireless contacts". I just get a kick out of that.

So, I put the little guy together this weekend, using the NorCal pcb (laziness again). BNC on the left, and on the right 1/8" phone jack (phones), RCA jack (power), and 3/32" jack (key). Drilled a hole in the top for tuning access (gasp), or one can operate with the lid open (bare nekkid, but that might not be legal in all states :-)

Just two more things. 40m apartment antenna (I have a grandiose scheme for a 4-turn vertical loop around the perimeter of our balcony, with tentative XYL approval. Novice crystal (and when will I get THAT?) [Yes, some of us are lowly Tech+'s who haven't yet "paid our operating dues" on HF - just been too busy getting the PhD thing out of the way; now it's time for life to begin again :-)]

Anyway, it looks nice. WYL says it looks like a phaser :-)

72,
Todd

Todd Nichols KB0HQU Ericsson Inc. (919) 685-2597
nichols@rtp.ericsson.se Research Triangle Park, NC
"Ensign, set a new course. There's coffee in that nebula!" - Capt. Janeway

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996

From: W5HNS@aol.com
Subject: [5794] Antennas anyone?
Message-ID: <960318013855_248695835@mail02.mail.aol.com>

Postings are starting to pop up about on-the-air activity with the 49-ers.
So far I have not seen ONE posting mentioning what type antenna was attached to this tiny radio!

How can I conduct my top secret propagation study if I don't get the poop (scoop?) on the antennas? PLEASE tell about the antennas!

Reminder: Altoids can be found at Sams and Office Depot. I am now addicted to the mints.

Also - my xyl's birthday is during the next QRP ARCI event in April. How do I deal with that one? Forget the radio test - try to do both - forget the birthday (NO!). Hint: we are both in our fifties and been married over thirty years. Still first marriage for both 'us.
Amazing! (She quit doing my tower climbing when she hit forty!)

Mention antennas!

73 Henry Schneider W5HNS Pasadena, Texas email:W5HNS@aol.com

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: ae4ic@nr.infi.net (BOB KELLOGG)
Subject: [5833] Antennas anyone? -- Wives
Message-ID: <199603181944.0AA06452@mh004.infi.net>

Henry, there's only one way to do that. Start talking NOW about the importance of the QRP ARCI event. Be sure she knows how very important it is to you. Then, on her birthday, keep your priorities straight. Buy her flowers and take her out for dinner, and tell her how much you love her. If there's time to get in some contesting, fine, if not, don't sweat it. She can make EVERY day a lot of fun, ARCI can make a few days a year lots of fun.

>Also - my xyl's birthday is during the next QRP ARCI event in April. How do
>I deal with
>that one? Forget the radio test - try to do both - forget the birthday
>(NO!). Hint: we are both in our fifties and been married over thirty years.
> Still first marriage for both 'us.
>Amazing! (She quit doing my tower climbing when she hit forty!)

CUL,
Bob Kellogg, AE4IC

Prolably, but not nececelery. - Benny Hill

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: joel.luyten@infoboard.be (joel luyten)
Subject: [5838] Anyone using the LCK from Kanga?
Message-ID: <199603182133.WAA27008@ibbr.ib.be>

Hello there, i have been lurking for a while now and i'm getting addicted to this list.

I'm specially interested in qrp portable or backpacking operations.

I have seen some great stories passing by. Finally i'm building my own qrp rig. I bought a lck transceiver kit from Kanga last year at the GQRP boot in Friedrichshaven. All components are on the pcb now and i would like to start testing the receiver. Or should i begin with the transmitter? This is my first qrp kit and i would like to have some info from people who already built this lck trx.

So if there is anyone out there who can help me with testing en tell me about his experiences with the lck please contact me directly or true the list if other people are interested. Tnx a lot and hope to hear from you soon.
Joel ON4AIL

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: bschilli@epix.net
Subject: [5804] Argo 515 For Sale
Message-ID: <Pine.SUN.3.91.960318082142.23768A-100000@mango.epix.net>

Hi Gang:

I am using my son-in-law's computer to post this so PLEASE DO NOT POST ANY E-MAIL FOR ME TO THIS ADDRESS! (My computer is still down and I'm not on internet yet)

Have the Argo 515 with 2.4 KHZ 8-pole xtal filter factory installed, matching 208-A CW/notch filter, 210 power supply, hand mic and the \$\$\$ PC-1 digital readout. Will also thow in a Optimus boom mic/headset with a Heil HC-4 mic element installed (excellent on SSB). Have the T-Kit speech processor kit also that I was going to install inside the 515, but haven't had the time.

All for \$550 and I ship.

NO E-MAIL, PLEASE! PHONE CALLS ONLY: (717) 825-5395 (home)
anytime...leave mssg if you get on my machine when no one's home.

72/73 rich K7YHA

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Myron China <chim@gwl.com>
Subject: [5842] audio filters
Message-ID: <199603182016.AA18883@gp-sparc56.gwl.com>

ok, i am giving in to a compelling need to contribute to this thread.

i have a problem at my qth with occasional really bad qrm/qrn. this is the s9+ grinding, frying stuff. my auttek qf-1a audio filter is able to notch a lot of it out and at least let me hear signals, but it requires fiddling with the knobs and the qrn is still there, interfering with the signal.

i recently picked up a used timewave dsp9 digital filter for \$75. man, it's like night and day. press one little switch and the QRM/QRN IS GONE! only the signal remains, nice and clear. no fiddling with knobs.

i'm a believer.

myron

Myron China (KB0LMQ) chim@gwl.com
ISIS Oracle Database Administrator Ph:(303)689-3981
Great-West Life Assurance Co. Fax:(303)689-4850
Englewood, CO

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: vhatley@usa.pipeline.com (Vernon A. Hatley)
Subject: [5814] Audio filters & QRP levels
Message-ID: <9603181549.AA07994@pipe8>

After rereading my note yesterday on QRP levels, I hope everyone took it the way I wrote it, in jest. I was not irritated about the other station not running 5 watts; I was more amused than anything at the fact that QRP is really in the eye of the beholder. :-) There is a HAM friend here who has earned his DXCC award using 1000 watts on CW. To him, running 100 watts to work DX is QRP. Our own Chuck likely considers 5 watts to be

QRO; sorry Chuck, I just don't have the gonads to try .95 watts yet.
Please take my comments in the light they were written; all in good fun and
of no critical nature to anyone.

Next subject; audio filters. I am glad someone started this thread.
Never having listened to a DSP, I can only go on what others tell me. The
one thing I do know; I am NOT spending \$200 for any filter. Several of my
friends have suggested the Autek CW/SSB filter, commenting on how well they
work. The little filter from Oak Hills would look nice next to my Explorer
II, but how well does it work? What can one expect from a audio filter;
what kinds of noises do they get rid of?

--

KK5RO	Butternut Vertical
Vernon A. Hatley	Oak Hills Explorer II
QRP-L #325	46 states - 40 countries

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [5819] CUSHCRAFT R5 FANS
Message-ID: <9602188271.AA827173819@smtpgw.ccgate.dl.nec.com>

Gang:

I have the chance to pick up a hardly
used R5 vertical for \$100.00.

If this antenna is in good shape, is this a
good deal? Those R5 users out there, is this
a good performer?

Thanks in advance!

72 de Dave KK5HA

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Rich_Stern_at_WFF-E105@ccmail.gsfc.nasa.gov
Subject: [5824] DSP --- CHEAP
Message-ID: <9602188271.AA827183849@ccmail.gsfc.nasa.gov>

I once was in an experimenting mode way back. Got one of those
audio amp ckts. and interfaced it to a phase lock loop ckt (using

audio freqs.) coupled that to an optoisolator blew the output into another amp ckt and WALLaaahhh! I could have a fairly noise free CW output. The detected sigs have to be above the noise floor so the ckt can detect and lock. I used this on CW only. I sure it would be easy to reproduce because its a matter of coupling a few basic ckts.

I shelved this somewhere with other projects and never made the proto-type have off-spring.

Then that year all this DSP stuff started spawning. I bought into a DSP-9 (Timewave) at Virginia Beach Hamfest. I picked it up for \$100.00. Good deal considering the Retail. This is a basis DSP for both SSB and CW. It has no tunable knobs, just five (5) in/out switches. (I lied it has a volume pot/knob.)

I used it and it works well when the band is noisy and the sigs. are strong enough for the processor to lock to it. If your working a QRP station thats way down near the noise...FOR GET DSP unless it has a heck of a notch filter, then your talking BUCKS.

For my operating situation this DSP was enough. Ya'all might be different. So, if you want to spend 'mucho dinar0', have at it especially if your running fancy digital modes...

Once again.....

"We are in great haste to construct a magnetic telegraph from Maine to Texas; but Maine and Texas, it may be, have nothing important to communicate."Henry David Thoreau

de NW3N

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: cjsterl@ix.netcom.com (Craig J. Sterling)
Subject: [5803] DX Tip
Message-ID: <199603181307.FAA17698@ix2.ix.netcom.com>

Folks,

While putting the final "tweak" to my new 20m Explorer II last evening about 11:30pm EST, I just happened to have the Knwd on 14.025 and much to my surprise there was C56CW (Gambia, West Africa) calling cq! Big signal too! Typically 20 is dead from about an hour or so after dark .. was I surprised! No time to to activate the Explorer, so worked the DX station with the Knwd @ 3 watts!

For those interested, C56CW is a German DXpedition which will be active

for possibly a few more days. As posted in THE DX BULLETIN, QSL to
Siegfried Presch DL7DF @ Wilhelmsmuehlenweg 123, D-12621 Berlin
Federal Republic of Germany.(how would you like living on that street!)

Oh! Love the Explorer II!!!!

CU,
Craig Sterling, AA3MD
Washington, D.C.

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Jeff Gold <JMG@tntech.edu>
Subject: [5831] Envirotronics paddle
Message-ID: <01I2HHIIDU0Y91X6WT@tntech.edu>

anyone actually get one of the Model 501 paddles.

I am thinking about either ordering a set of those or the weird
Kitano.

72
Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: rhaslach@kevr.com (Robert D. Haslach)
Subject: [5823] Epiphyte-2
Message-ID: <199603181830.NAA14432@tkn.kevr.com>

Progress report1: I ordered (specifically) the Epiphyte-2 PC board from
FAR Circuits last month and received what apparently (to me) is the original
Epiphyte-1 Board. Maybe FAR is unloading their Epi-1 boards; maybe they
don't have the boards for the Epi-2. Not a real issue, I hope; the minor
redesign I plan to handle with kluges - I hope.

My spousely vow to stuff the board with parts on hand is holding steady so
far. I have been skunked on several items such as the Murata 455KHz filter.
I have two similar Murata 455 KHz parts but different pin-outs (3 pins
rather than 2) with a J1 suffix cannibalized from dead rigs. Will these be
a good substitute?

Should I assume that NP0 really and truly calls for NP0 caps? I suppose so.
Dare I substitute 22pF caps for 24 pF?

Dare I eat a peach etc.

Can the designer up in BC shoot me (all of us) an email with a location on the net of articles about the Epiphyte, its history, design, other gossip?

Regards de
N3FRT Bob

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
Subject: [5846] Fox - Thursday March 21 (22 utc)
Message-ID: <9603190045.AA02720@wizard.ucs.sfu.ca>

Hi there. After further research the fox will run from 0100-0300z March 22utc (1700-1900pst March 21). I've been getting constant 559 reports from southern california and arizona close to 0300z so may even hear the elusive k5fo ;-). Time will be spent as follows:

0100-0130z - 7040 +/-

0130-0135z - 3710 (for canadian novices who can only work
80/160 any contacts with us stations
here will not count)

0135-0200z - 7110 +/-

0200-0205z - 3710 (see above)

0205-0300z - 7040 +/-

Hope to see you then.

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: wdzeares@ix.netcom.com (W. Dennis Zeares)
Subject: [5847] FOX this week???
Message-ID: <199603190055.QAA16036@ix2.ix.netcom.com>

I heard that there is going to be a FOX this week.... so whats the plan and the schedule???? sure would like one more try...

72/73 Dennis K3ETS Dallas, home of K5FO

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: stelpony@ix.netcom.com (Steel Pony)
Subject: [5812] Free to a good home...
Message-ID: <199603181532.HAA07347@ix2.ix.netcom.com>

of a thing to do with them. ;-).

Here's the deal:

E-mail me your plan to use them and arrange postage to get them delivered and they are yours.

Best plan for usage wins.

72, John-N5INZ
NorCal-QRP-L

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: David Werner <werner@itis.com>
Subject: [5827] FS: Oak Hills QRP Station
Message-ID: <314DA542.628D@itis.com>

One 40 Meter Oak Hills QRP Sprint 3 Watt CW Transceiver.
One 30 Meter Oak Hills QRP Sprint 3 Watt CW Transceiver.
One Oak Hills Switched Capacitor Audio Filter.

All are in excellent condition, approximately one year old, were assembled by me with great care and worked beautifully from the first time they were fired up to the present.

\$180 for all three (Shipping included in Continental USA)

I would prefer to sell these as a group, but would consider selling the 30M Sprint by itself for \$75 (shipped in CONUS), as this would probably be the most difficult item to sell alone.

Reason for sale: I want to go "all out" and buy a the new Index Labs rig.

I am located in Middleton, Wisconsin and can be reached at:
(608) 836-7783 or werner@itis.com

Thank you,

Dave Werner (AA90L)

PS These are superb ring diode mixer (TUF-1) front end, direct conversion rigs, that when combined with the switched capacitor audio filter, equal or outperform any single conversion QRP rig I've ever used. (Stiffer front end, "lower" noise floor, and higher fidelity audio.) And with the super sharp SCAF filter and the RIT incorporated in the rigs, audio images are easy to sidestep.

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: JKXM17A@prodigy.com (ALLEN SMITH)
Subject: [5852] GAP Anyone?
Message-ID: <097.03850715.JKXM17A@prodigy.com>

If anyone out there on the list would like to plug their QRP rig into a GAP Titan I have one available for resale.

This Titan was recently purchased by a local gentleman ham with the call W0FSI. Harry was first licensed in 1939, was a wartime radio operator, and has continued active all these many years. He ordered the GAP Titan and then decided not to use it.

This big vertical belongs on the other end of your QRP transceiver and can be yours for \$225 shipped to the US or Canada.

If interested email me direct.

72/Allen - AA0YU, Grand Junction, CO.

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Duane Anderson <kj7ho@utah-inter.net>
Subject: [5806] Have gear for sale
Message-ID: <314D611D.7042@utah-inter.net>

Hi everyone. I am posting this so to list the equipment that I have for sale. If anyone is interested in any of the items on this list may contact me at kj7ho@utah-inter.net and I will email my phone number privately so that we may discuss these items over the phone, if needed.

FOR SALE

Antique Receiver, Halicrafters SX-100, built around 1950 and still running great. Tubes (of course). Still in very good condition both inside and out. Very few scratches or nicks on it. Tunes from 500khz thru 33 Mhz continuous. Would like to get \$150 but is negotiable.

Portable MFJ-1671 portable verticle antenna with built-in antenna tuner. Tuned for 10 - 40 meters. Handles up to 300 watts so, of course, will work well on QRP. Has telescoping verticle element for easy storage and transport to remote site. Comes with 50' RG-58 coax factory installed. Would like to get \$50.

8amp regulated power supply. Great for running all those QRP rigs at once. \$30.

40 meter Oak Hills Research Sprint transceiver. Easily tuned for whatever portion of the band you want. It is set right now for first 150khz of the band. In complete running order and transmits at 2.0 watts. \$50.

20 meter Oak Hills Research Explorer II with tuneable IF. Easily tuned for whatever portion of the band you want. It is set now for first 70khz of the band and is in complete running order. Transmits at 3.0 watts. ...\$65.

QRP wattmeter. Oak Hills Research WM-1 wattmeter. Measures 0 - 10 watts forward and reflected power. \$50

Radio Shack portable frequency counter with antenna. In complete running order. Range is 1Mhz to 1.3 Ghz. \$75

Homebrew antenna tuner for all bands. Adjustable coil taps. Works good. Comes with schematic. \$40.

Keyer built into Ten Tec paddle box. Oak Hills Research keyer kit with 8044ABM Curtis IC circuit, positive keying. Has on/off switch on front of the box with a spot switch on the rear of the box. Works good. \$65.

MFJ Straight key with code practice oscillator built in. \$10.

Radio Shack mono/stereo headset for cw copying. Large ear pads and lightweight. \$25.

Well, that's it. Let me know what you want of these items. Will sell separately or as a package. If you want the entire package, I will pay the postage to ship in U.S. Email me and we'll talk.

Have a good day,
Duane, KJ7H0.

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Frank Paxton III <paxton@sound.net>
Subject: [5839] help ! no receive on 49er !?!?
Message-ID: <314DE3B7.430F@sound.net>

hey !
my 49er went together fine. transmits fine. qsk fine. but NO RECEIVE ?
all the parts in the receive line are rite. look good. C2 brings up
NOTHING. what should i do ?
frank. ng0n.

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: wdzeares@ix.netcom.com (W. Dennis Zeares)
Subject: [5843] Help-RFI from neighbors computer
Message-ID: <199603182353.PAA03593@ix2.ix.netcom.com>

New neighbor moved in down stairs under me... and I have all kinds of
"birdies" up and down the 20M band... don't know about 40M yet.. I did
go down and "check" to see if his computer was on when the birdies
started today and sure enough they coincide with his computer
operation. So any ideas about what I can do????
Thanks, 72/73 Dennis K3ETS Dallas

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: cmassey@airmail.net (Cleve Massey)
Subject: [5791] HW-8 mods
Message-ID: <v02140b00ad73e8fc226c@[206.66.5.202]>

If all goes according to plan, then I should be the owner of what has been
described as an "immaculate...factory aligned" HW-8. One of those net
trades, so that is the description, and have to wait until next week to
actually see the rig...

In the opinion of this group, what if any mods should I perform soon after
getting the little gem...I have Weiss's book on mods, but figure the
combined knowledge of this group is better than me trying to figure it
out..

tnx for ur help...

cleve/wd5bor

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Robert Finch <bfinch@asp.vet.purdue.edu>
Subject: [5835] ic-706 info appreciated
Message-ID: <199603182017.PAA27211@asp.vet.purdue.edu>

does anybody have any experience with the new icom rig
they care to share?...looks like my first, er possibly
my first hf rice box purchase.....am seeking info past
what is in the qst and cq-vhf articles/reviews....ANY
info including just ur impressions whud be welcomed
....nay tnxs in advance
72's baab,n6cxb
bfinch@asp.vet.purdue.edu

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Bill <bill@halcyon.com>
Subject: [5856] Index QRP+
Message-ID: <Chameleon.960318194654.bill@bill.halcyon.com>

I am considering the purchase of a QRP+ from Index. Does anyone have an opinion
on this radio? What do you like
and/or dislike?

I talked with someone at Index today and they told me they had shipped 7 of them
and were shipping more each day.
Does anyone on the reflector have one of the seven? How do you like it? Any
bugs?

Thanks,

Bill

Sent 03/18/96 19:44:07 Reply to bill@halcyon.com

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Aa4xx <aa4xx@nando.net>
Subject: [5793] KnightLite's 80M Net
Message-ID: <Pine.SUN.3.91.960317235112.4169F-100000@bessel.nando.net>

Hi Gang,

We had a good number of check-ins this past Sunday night. A number of QNI's were made with 1 watt or less, with very respectable signals. As a matter of fact, VE3SP in Hamilton, Ontario called me after the net to state how impressed he was to hear such good signals from most of the folks who checked in. He mentioned that he had been monitoring QRP-L for a while and decided to listen in on the net to see if he really would be able to hear us.

Another nice surprise was having NM8T- Steve from Fayetteville, WV, call immediately thereafter stating that he, too, copied everybody, although the speed was a little too fast for him to feel comfortable checking into the net. Several of us met Steve at the Charlotte hamfest, so it was especially nice having him seek us out on the net frequency.

W03B- Bob from Pasadena, MD again takes the "MightyLite" award for his FB 100 mW QNI. Bob was a good RST 449 tonight.

Here's hoping you all have a good week, and we'll be listening for you next Sunday night at 0300 Z on 3710 KHz. Here's the QNS report:

KnightLite's Net QNS Report
Sunday, March 17, 1996

WB0CLD	Bill	St. Charles,	MO	349	5 Watts
AA6UL	Ralph	Charlottesville,	VA	579	2 Watts
N1QQV	Ken	Madison,	CT	339	5 Watts
WA4SGC	Mac	Clarkton,	NC	589	5 Watts
W03B	Bob	Pasadena,	MD	449	100 mW
KC4URI	Steve	Ashland,	VA	599	5 Watts
AE4IC	Bob	Greensboro,	NC	449	2 Watts
KC4EWT	Dan	Herndon,	VA	559	1 Watt
VE3VAW	Brien	Toronto,	ONT	569	5 Watts
WR4I	Dennis	Chapel Hill,	NC	589	3 Watts
WA4NID	Dave	Durham,	NC	589	1 Watt
WA8LCZ	Byron	Warren,	MI	339	5 Watts GAP Titan
KF8EE	Ted	Loveland,	OH	339	5 Watts
VE3SP	Ron	Hamilton,	ONT	599	140 Watts
NM8T	Steve	Fayetteville,	WV	599	1 Watt MXM Xcvr
AA4XX	Paul	Raleigh,	NC	(NCS)	5 Watts

The net lasted 38 minutes this session, in keeping with our shorter format. 72 de Paul, AA4XX

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: DCrespy@aol.com
Subject: [5848] microphonics and my NN1G MKII
Message-ID: <960318201640_249298821@emout10.mail.aol.com>

Any thoughts on this...???

I have had a problem since I built my NN1G MKII for 20 meters...It started with a little noise when tuning ...capacitor rotation. Now after 2 years of regular faithful service.. it picks up even the noise of the rollers in my desk drawer. It does seem to be more sensitive some times than others.

I'd appreciate any tips..

Thanks and 72

Harry Crespy KG5LO

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: teda@lexis-nexis.com (Ted Albert)
Subject: [5828] Parts for the Epiphyte-2
Message-ID: <199603181855.NAA17098@rain.lexis-nexis.com>

The posting about the Murata filters for the Epiphyte-2 reminded me to ask the group about the availability of parts like the Murata filter, which I think can only be obtained from Cirkit in England. I recall a posting last year that indicated Cirkit isn't shipping small orders to the US anymore. If you have been reading Joe Carr's articles in some of the mags, you know he has been extolling the virtues of the Jackson Brothers air variable caps and vernier assemblies, especially the 4489/C drive. Is anyone currently placing orders with the above companies in England? Maybe we can ask some of the vendors from the other side of the pond to bring a supply of the above items to Dayton this year?

72/73 de Ted, KF8EE

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: dgf@netcom.com (David Feldman)

Subject: [5840] QRP PLUS UPGRADE UPDATE

Message-ID: <199603182231.0AA02340@netcom6.netcom.com>

I received the mailing on the QRP PLUS upgrade in early February. I contacted them immediately and received a schedule confirm for the first batch (in by 2/22, out by 2/29). They received my unit 2/22, promised by 2/29, and have been giving me the "next week" routine since. Today I got a delivery commitment of 3/29. They indicated the bottleneck is their one test tech.

Anyway, if you are planning on sending your QRP PLUS for upgrade, I guess it is safe to say that the completion dates being quoted are not completely reliable.

I will advise if (when?) it arrives, and what I observe relative to my first review of it last year.

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996

From: DCrespy@aol.com

Subject: [5849] qrp rigs as toys

Message-ID: <960318201635_249298770@emout05.mail.aol.com>

Occasionally I just can't resist.

If someone refers to a QRP rig as a toy... What's the point??...Your big rig isn't???

Let's not lose sight of why we do this!!

72

Harry Crespy KG5LO

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996

From: Allen Jones <ajones@adsnet.com>

Subject: [5826] QRP+ factory update

Message-ID: <199603181850.MAA11711@alice.adsnet.com>

Has anyone on the list received their updated QRP+ from Index yet? Mine was scheduled for bench time on March 1st. Called last week and was told it was probably in test. Someone posted a message here last week saying that they had bought one of the new units and had taken delivery.

72/3 de Allen, K9DZE

=====
Allen Jones K9DZE ajones@adsnet.com
Michigan City, Indiana EN61nq
ARCI G-QRP NorCal QRP-L #112
=====

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: "Jim Larsen" <jlarsen@alascom.com>
Subject: [5811] QRP+ For Sale
Message-ID: <9602188271.AA827159683@mailrouter.alascom.com>

Greetings from Alaska.

My QRP+ is for sale for \$525.00. I will pay shipping in the US.

This rig is in mint condition and has the eeprom upgrade that adds the 1 wpm increments on the keyer and also saves last mode used.

I have only used the rig on cw and it works fine.

My wife does not believe the old saying, "If one HF rig is good, 11 HF rigs are better." (True story)

I also have an MFJ 9020 that I will sell for \$115. Again, I pay shipping in the US. (I think I have the model number correct...the 20 meter cw version)

Hmmm (I'm on a role) I also have a Kenwood TS520S and VF0520S for sale. Buyer pays shipping.

Later I will put the Ten Tec Argosy's (2 ea) and the Ten Tec Century 22 (may keep one of the two of these), Ten Tec Argonaut 505, and the Ten Tec ??? (I forget the model) up for sale.

Thanks,

Jim Larsen
Anchorage, Alaska

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: larsennc@alaska.net (Nancy-KL7NY/Jim-AL7FS/Julian-WL7MP)

Subject: [5857] QRP+ for sale (repost - second address)
Message-ID: <v01510102ad73cdaf8936@[206.149.66.101]>

This repost provides my home email address. Jim AL7FS, Anchorage, AK

Greetings from Alaska.

My QRP+ is for sale for \$525.00. I will pay shipping in the US.

This rig is in mint condition and has the eeprom upgrade that adds the 1 wpm increments on the keyer and also saves last mode used.

I have only used the rig on cw and it works fine.

My wife does not believe the old saying, "If one HF rig is good, 11 HF rigs are better." (True story)

I also have an MFJ 9020 that I will sell for \$115. Again, I pay shipping in the US. (I think I have the model number correct...the 20 meter cw version)

Hmmm (I'm on a role) I also have a Kenwood TS520S and VF0520S for sale. Buyer pays shipping.

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: stelpony@ix.netcom.com (Steel Pony)
Subject: [5815] Repost: Free to a good home...
Message-ID: <199603181647.IAA07962@ix5.ix.netcom.com>

The server hates me!

Anyhow, 166.7 KHZ crystals (got a few). Just tell me what you want them for and your plans. We'll work out shipping.

Sheepishly Yours,
John- N5INZ

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: stelpony@ix.netcom.com (Steel Pony)
Subject: [5792] Thanks!

Message-ID: <199603180452.UAA21464@ix6.ix.netcom.com>

I think its time for me to say thanks:

Posted a recent request to swap parts(Wanna swap stuff?) and had a huge success. Folks coast - to - coast responded. I got what I wanted and the feeling that someone else got a piece of gear on the air with my surplus parts was great.

Thanks to Chuck for his wisdom, dedication, and wit.

LB Cebik for his as well(you youngsters may not be aware of LB's book "Seven Steps to Designing your own Ham Equipment). It sits on my work-bench and leaps out to remind me of rational thought and order. It is a master handbook on organisation of the design process.

NORCAL as a body. The dedication of the membership and leaders(in a leaderless group) has been an inspiration.

QRP-L - The I-Net and ham radio have finally come into it's own. What a powerful tool.

Alan and the SoCal group whose dedication to putting fun and excitement back into building.(Was delighted to see a Sucrets box in the bunch 1. Buy American 2. The contribution to good CW(Imagine *cough*).

Those folks with great ideas. Saw a post the other day about a Crystal Bank. It was an idea already tried in the 60's/ 70's called the Novice Crystal Bank just before novices went to VFO's. Even a Component bank might be better. I.D. that purchase you don't have the faintest idea what you bought.(I have 300-500 crystals. Not sure I'll use them all. ;-).)

Someone posted an idea about a Public Domain Rig. Better yet a Shareware rig. It takes time, effort, and money to develop a rig. Share the idea, build the rig, and register it and get the DeLuxe Manual, mods, and accessories as a part of the registration.

Thanks folks for quality time!

John, N5INZ
NorCal- Qrp-L #458

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [5829] THE HISTORY OF QRP IN THE US
Message-ID: <9603181903.AA25130@itg.ti.com>

From: Brad Bradfield QLF

Subj: THE HISTORY OF QRP IN THE US

A week or two ago, someone on the list mentioned a book or article called "The History of QRP in the US", by Ade, W0RSP. Can somebody give me details?

73's

Brad, WBOCGH

QLF @ MSG.TI.COM

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: msdooley@rdxsunhost.aud.alcatel.com (Michael S. Dooley)
Subject: [5810] Toy HW8
Message-ID: <9603181528.AA07396@collie.aud.alcatel.com>

Bill (and Peter),

A couple of years ago I went to west Texas with a friend of mine who is an avid DXer. He rarely operates at under 1500 watts. Out at the site we went to we had access to a Pro96 at 60 feet and this is at an elevation above sea level of almost 6000 feet. I used the NN1G I built for 40 meters while he used his 1500 watt setup. At the beginning, he thought my 'toy' radio was kinda funny, but when the weekend was over his comment was 'That little thing works pretty good!' While he didn't convert to QRP, he has a little more respect for our 'toy' radios and still tells the story of our trip to other hams (yep, you can make contacts at under 1500 watts!).

Mike KE4PC

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: randyw%w8dc@k8daa.ampr.org
Subject: [5860] Variometer - Everyone should have one
Message-ID: <5090_RANDYW@w8dc.bbs>

If you experiment with antenna tuners and antennas then you should really

try using a Variometer.

Inductors are often made so that the inductance can be varied by one means or another. Today we use rollar inductors and tap coils. Both mechanical means. One can also bring a metal plate into and out of the inductor field to make small changes in the inductance. Very lossy tho.

The variometer changes the inducance by electrical means. The total inductance of two coils may be shown by the following equations:

- 1) $L_t = L_1 + L_2 + 2M$ adding fields
- 2) $L_t = L_1 + L_2 - 2M$ opposing fields

where $M = K (\text{sq root } (L_1 L_2))$ Maximum value of K is 1.0

A variometer allows you to rotate one coil in relationship to the other so you can play with the value of K. You normally rotate one coil 180 degrees in respect to the other one. It is easier to build than it sounds.

It is possible to use the variometer to continuously vary from low values (i.e. 0.1 uH) to large values of inductance (i.e. 5 uH). No switches, no mechancial counters just a simple 180 degree roatation. No mechanical connections. So a couple simple inductors can be used for the coil in your next tuner for 10 to 40 meters. Use a fixed value for the capactior. Variometers lost out when modern day (now yesterday) variable capacitors became available. Since we no longer can purchase decent variable capacitors it is time for the variometer to again takes its place.

All old ideas should not be trashed. Something else to think, about did you know your tuned circuits can produce gain? This is the worthwhile advantage resulting from tuning your receiving antenna circuits.

-73- de stan ak0b

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Steven Wilson <randyw@crl.com>
Subject: [5861] Wanted Sucrets case
Message-ID: <Pine.SUN.3.91.960318193929.20774A-100000@crl11.crl.com>

Anyone got a couple of Sucrets cases they would part with ?

de stan ak0b
e-mail via randyw@crl.com

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Mike Robinson <miker@cc.com>
Subject: [5822] WTT: OHR ExpII 30m
Message-ID: <9603181802.AA09564@voder.nsc.com>

I have an unbuilt OHR Explorer II 30m.

\$130 including UPS in US48.

It's still in it's original unopened shipping box from OHR.

I went with the OHR400 instead.

=====
7.3 de Michael AA0UB miker@cc.com michael@frii.com
 http://www.frii.com/~michael
 QRP-L #126 Norcal #857 CQC #180
=====

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [5844] re: 49-er success
Message-ID: <v02130503ad73a0a4be01@[199.170.106.28]>

Nice to see so many people having fun with the 40-9er. Now if we could just all agree on how to spell it :) I don't recall who came up with the Altoids box concept, but they are to be congratulated. Surely, given the consumption of all those Altoids, the harmful emissions from QRP-ers at the Banquet will be greatly reduced. :)

Note to those who are planning to take a 40-9er camping: you might want to use a 9V Lithium battery (Mouser). They aren't rechargeable, but they seem to last forever (about 5x the life of Alkalines).

73,
Wayne
N6KR

P.S. How about an equally simple 17-meter DSB transceiver for Dayton next year?

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Steve Bornstein <saborn@freenet.columbus.oh.us>
Subject: [5854] re: 49-er success
Message-ID: <Pine.3.07.9603182017.A15653-a100000@acme>

On Mon, 18 Mar 1996, Wayne Burdick wrote:

> Nice to see so many people having fun with the 40-9er. Now if we could
> just all agree on how to spell it :) I don't recall who came up with the
> Altoids box concept, but they are to be congratulated. Surely, given the
> consumption of all those Altoids, the harmful emissions from QRP-ers at the
> Banquet will be greatly reduced. :)
>
> Note to those who are planning to take a 40-9er camping: you might want to
> use a 9V Lithium battery (Mouser). They aren't rechargeable, but they seem
> to last forever (about 5x the life of Alkalines).
>
>
> 73,
> Wayne
> N6KR
>
> P.S. How about an equally simple 17-meter DSB transceiver for Dayton next year?
>
>
>

Hello Wayne,

The local Radio Shack store stocks the Lithium batteries. I think some smoke alarms use them. They are about seven bucks.

73, Steve K8IDN QRP-L #331

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Dick G0BPS <DICK@kanga.demon.co.uk>
Subject: [5799] Re: Advice Needed!

Message-ID: <\$e7r1CAJWnQxEwL6@kanga.demon.co.uk>

In message <31475A82.36DA@lan.nsc.com>, Dave Fifield

<fifiield@lan.nsc.com> writes

>OK, I'm in trouble, and I need help!

>

>I just bought a (QRP) FT-530 dual band HT from HRO yesterday

>(they're blowing them out at \$299) and I need to break it gently to

>my wife, especially since I just spent all my "radio" money at the

>Foothills flea market last weekend.

>

>Any of you know of an approach that results in minimum all round

>stress/strife?

LIE

--

Dick G0BPS / G0R00 206

Kanga Products.

The UKs leading QRP kit supplier

Home Page: <http://ukinternet.com/ham/kanga>

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996

From: dsibie@hvsag01.ns-nl.att.com

Subject: [5816] Re: Advice Needed!

Message-ID: <9603181445.AA00575@hvtstsg2.ns-nl.att.com>

In message <31475A82.36DA@lan.nsc.com>, Dave Fifield

><fifiield@lan.nsc.com> writes

>>OK, I'm in trouble, and I need help!

>>

>>I just bought a (QRP) FT-530 dual band HT from HRO yesterday

>>(they're blowing them out at \$299) and I need to break it gently to

>>my wife, especially since I just spent all my "radio" money at the

>>Foothills flea market last weekend.

>>

>>Any of you know of an approach that results in minimum all round

>>stress/strife?

>LIE

>--

>Dick G0BPS / G0R00 206

No Dick, lying never ever is a good solution. When the truth comes to light the consequences will be terrible.

My advice to Dave: take it as a man. Stand up for your purchase, be proud of it, slam on the table and let know who is in charge: you!!

If you say you wash the dishes, you WASH the dishes!!

And do not forget the old saying:

"When the going gets tough,
the tough hides under the table"

Good luck, I am glad I am not in your shoes.

72 de Dirk, PA3GNR

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996

From: ruswhite@netzone.com (Russell W. White)

Subject: [5845] Re: Advice Needed!

Message-ID: <199603190008.RAA01338@nz1.netzone.com>

>

>In message <31475A82.36DA@lan.nsc.com>, Dave Fifield

>><fifield@lan.nsc.com> writes

>>>OK, I'm in trouble, and I need help!

>>>

>>>I just bought a (QRP) FT-530 dual band HT from HRO yesterday

>>>(they're blowing them out at \$299) and I need to break it gently to

>>>my wife, especially since I just spent all my "radio" money at the

>>>Foothills flea market last weekend.

>>

>>>Any of you know of an approach that results in minimum all round

>>>stress/strife?

>

I don't have any good ideas, but I think that it's a pretty nice thing when a husband buys his wife a nice radio like that as an incentive for her to get her ticket.....and if your lucky, she'll let you borrow it until then.

73 and get well soon.

Russ ab7jx

```
|*****|
| Russ White AB7JX (ex WB1GQG) QRP-ARCI NORCAL NEQRP |
| Phoenix AZ QRP-L#179 ARRL AZQRP#3 |
|*****|
```

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Alan Kaul <kaul@netcom.com>
Subject: [5795] Re: Antennas anyone?
Message-ID: <Pine.3.89.9603172321.A1024-0100000@netcom22>

Henry ... tnx ur reminder. My 49-er has now logged two complete 2-way QSO's and two partials (the other guys lost me after giving me a signal report, but never heard me give them theirs). In all 4-cases, the antenna was a 1/4 wave vertical, roof mounted (at about 15 feet) with one elevated radial for 40M and two elevated radials for 80M. It is a terrific antenna -- a HF2-V by Butternut. I've worked about 25 states and 5-6 foreign countries on 40 running about 2W to a Norcal 40 (and more than 110 countries running QRO).

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Steven Wilson <randyw@crl.com>
Subject: [5797] Re: Antennas anyone?
Message-ID: <Pine.SUN.3.91.960317234651.2450A-100000@crl5.crl.com>

I have a couple of antennas for 40 meters and have tried them both with the 49er.

- 1) 200 ft long wire end fed with counterpoise - Tuned with a old dual inductor military tuner (one inductor in series and one in parallel) Runs NE - SW, Average height 20 ft.
- 2) Trap Vertical for 40 to 10 meters. Ground mounted with radials and small top hat. Height 16 ft.

I also use a Folded Dipole (built from open wire 450 ohm cable) on 30 meters.

Comments: Counterpoise really improves antenna performance on receive.

de stan ak0b
e-mail via randyw@crl.com

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Steve Bornstein <saborns@freenet.columbus.oh.us>
Subject: [5798] Re: Antennas anyone?
Message-ID: <Pine.3.07.9603180328.A3665-b1000000@acme>

On Mon, 18 Mar 1996 W5HNS@aol.com wrote:

> Postings are starting to pop up about on-the-air activity with the 49-ers.
> So far I have not seen ONE posting mentioning what type antenna was attached
> to this tiny radio!
>
> How can I conduct my top secret propagation study if I don't get the poop
> (scoop?) on the antennas? PLEASE tell about the antennas!
>
> Reminder: Altoids can be found at Sams and Office Depot. I am now addicted
> to the mints.
>
> Also - my xyl's birthday is during the next QRP ARCI event in April. How do
> I deal with
> that one? Forget the radio test - try to do both - forget the birthday
> (NO!). Hint: we are both in our fifties and been married over thirty years.
> Still first marriage for both 'us.
> Amazing! (She quit doing my tower climbing when she hit forty!)
>
> Mention antennas!
>
> 73 Henry Schneider W5HNS Pasadena, Texas email:W5HNS@aol.com
>

Hello Henry et al,

I've worked Long Island New York and Maryland several times using my 49er.
The antenna is a center fed zepp at about 50 ft. Those Altoids kind of grow
on you don't they?

73, Steve K8IDN Columbus, OH
QRP-L #331

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: H Smith <hbs@crl.com>
Subject: [5830] Re: Antennas anyone?

Message-ID: <Pine.SUN.3.91.960318105545.14089A-100000@crl12.crl.com>

Henry, (I like that name)

If your wife has put up with you (a Ham) for 30 years and even climbed towers for you, then give her anything she wants for her birthday :-)

73,

Smitty, NA5K

Henry Smith (hbs@crl.com)

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: KFGlynn@aol.com
Subject: [5790] Re: Audio filters
Message-ID: <960317232744_248616109@mail02.mail.aol.com>

I just recd. info on Ed Wetherhold's passive LC circuit. Cost is \$22. Bob Ed sends the info pronto via an sase. I want to get Ed's filter as well as make the variable audio filter from June 95 QST. Ed's is not variable though.

73 Kevin KB2TE0

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: burdick@interval.com (Wayne Burdick)
Subject: [5841] re: Click on Sierra sidetone
Message-ID: <v02130502ad739d910545@[199.170.106.28]>

Rich, sounds like the receiver is getting un-muted too soon on key-up, which would let a loud click get through from the transmitted signal.

The component that is supposed to handle this is C27. D2 charges C27 up to around 7 volts when you press the key (check this with your DMM). D4 feeds this signal to pin 5 of the MC1350. D4 is there to isolate the QSK time-constant setting cap (C27) from the rest of the AGC circuitry.

On key-up, C27 should discharge slow enough so that the MC1350 is kept turned off for 100 to 200 ms, which in turn prevents reception of transmit clicks.

The fact that this "just started happening" leads me to believe that C27 may have been installed backwards, reducing its life. Otherwise, look for an open in that part of the circuit--should be easy to signal trace.

Another thing to check is whether the click goes away when you turn the drive down. If it does, your problem is definitely related to BIG RF getting by the I.F. amp, most likely due to C27 as I described.

Let me know what you find--

Wayne
N6KR

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: okasb@shoe.mtv.gtegsc.com (Bob Okas)
Subject: [5821] RE: CUSHCRAFT R5 FANS
Message-ID: <9603181753.AA07996@shoe.mtv.gtegsc.com>

Dave, KK5HA, asks about the R5 antenna.

I paid what I thought was an extremely reasonable price for my R5 in hardly used conx and have been quite satisfied with its performance. It's obviously not as good as a tribander, but the vertical orientation does give it a low angle of radiation and it doesn't require an extensive counterpoise network to work. I've had quite good results with mine when the bands were in better shape. BTW, you can't beat the price!

Bob - N3MBY

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: KFGlynn@aol.com
Subject: [5832] Re: CUSHCRAFT R5 FANS
Message-ID: <960318143847_171378042@emout09.mail.aol.com>

Hello Dave,

For that price I think it's a good deal. I bought a new R5 from a dealer for \$200 and did not think I paid too much. Works well on 20M CW band where I like to work, as well as 17M phone. I'm getting good reports but it is about 1-2 s units louder in noise than my old multi-wire dipole was which is

normal.

Keep the antenna a min of 25' away from other conductors. I unfortunately do not have that luxury but I knew it would be a compromise from the get go. It will limit your bandwidth. Straightforward to install. I wish it had a sturdier support to the masting. It uses 2 bolts to keep it on top of a mast.

Lightweight and so far it's staying up with all the wind we've had lately. I was concerned a bit when I made a coax choke to cut some TVI out. The choke threw off the resonance of the antenna big time. Seems as though the choke was part of the antenna system - although it was located beneath the counterpoises. I guess nothing less than real 1/4 full-size counterpoises do the proper job.

73 Kevin KB2TE0

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: prvalko <prvalko@oakland.edu>
Subject: [5805] Re: Dayton Badge gate open!
Message-ID: <Pine.OSF.3.91.960318085706.3652B-100000@saturn.acs.oakland.edu>

On Sun, 17 Mar 1996 PDouglas12@aol.com wrote:

> Paul
> You are confirmed as the third to find the open gate.

Cool. Now I've got another number to include in my sig!

73 =paul= wb8zjl

Mi-QRP #899 NorCal #789 QRP-L #59 Dayton '96 Badge #3

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: DYARNES@aol.com
Subject: [5859] Re: DX Tip
Message-ID: <960318220540_449687206@emout10.mail.aol.com>

Hi Craig,

Thanks for the QSL info for C56CW. I worked them early Sunday morning (Zulu time) on 40 meters with my Sierra (that's two watts) and an R7 vertical, but

never did hear any QSL info. I think I'll keep this rig too!

72 de David W5RMZ

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Steve Bornstein <saborn@freenet.columbus.oh.us>
Subject: [5837] Re: Envirotronics paddle
Message-ID: <Pine.3.07.9603181605.A8988-9100000@acme>

On Mon, 18 Mar 1996, Jeff Gold wrote:

> anyone actually get one of the Model 501 paddles.
>
> I am thinking about either ordering a set of those or the weird
> Kitano.
>
> 72
> Jeff, AC4HF
>

Hello Jeff,

I just received my Model 501 paddle in todays UPS. It is a very well made key and has a very nice feel. For reference I also have the following: Kent, Becher, and a Vibroplex.

Steve K8IDN QRP-L #331

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [5825] Re: Epiphyte-2
Message-ID: <Pine.LNX.3.91.960318103044.28343C-1000000@dt1.datatamers.com>

Bob,
FAR Circuits has the EP-2 boards because I got one over a month ago.
72, Dave, W6EMD

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: kb7et@usa.pipeline.com (Jim Sheffield)

Subject: [5809] Re: Have gear for sale
Message-ID: <9603181501.AA03238@pipe8>

On Mar 18, 1996 07:11:57, 'Duane Anderson <kj7ho@utah-inter.net>' wrote:

>20 meter Oak Hills Research Explorer II with tuneable IF.
>....\$65.

Duane: I want to take the plunge and try QRP. Could you tell me a little more about this xcvr. Is it in good cosmetic condition? Can it be set up on 30M? What does "tuneable IF" mean? Will it drive an external speaker? Is it VFO transmit? I'd appreciate the info.

73 de Jim, KB7ET
kb7et@usa.pipeline.com
--

Jim Sheffield

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Steve Bornstein <saborn@freenet.columbus.oh.us>
Subject: [5853] Re: help ! no receive on 49er !?!?
Message-ID: <Pine.3.07.9603182039.A15653-9100000@acme>

On Mon, 18 Mar 1996, Frank Paxton III wrote:

> hey !
> my 49er went together fine. transmits fine. qsk fine. but NO RECEIVE ?
> all the parts in the receive line are rite. look good. C2 brings up
> NOTHING. what should i do ?
> frank. ng0n.

>
>

Hello Frank,

Check the QSK circuit (Q-1). I initially used a so called direct replacement for the JFET and experienced the same problem.

73, Steve K8IDN

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [5851] Re: Help-RFI from neighbors computer
Message-ID: <2.2.32.19960318012217.00c14ee0@public.compusult.nf.ca>

Dennis and QRP-1 Gang,

Hams Beware,

Even though we've been "good" qrp hams all these years by using low power and cutting down on TVI and RFI complaints we have now been "selected" as a group to suffer for all those CB and QRO infractions caused by our bretheren.

Yes it does appear that some computers don't meet any kind of FCC class B (B for better) or Class A rfi certifications. My spouse's computer (sure the one I GAVE her) puts out trash on the non-cable tv and my little qrp rigs etc. Not a pretty sight when I ASK her to turn that !!\$&*& computer off since it is causing ME interference (nothing like role reversal).

So what's the word out there - sure the easy tricks like Radio Shack "snap-together" toroid chokes help a little but what else is a poor ham to do (no I'm not wrapping her computer in aluminum foil..)?

73/72 Bob V01DRB/WA6ERB

At 15:53 3/18/96 -0800, you wrote:

>New neighbor moved in down stairs under me... and I have all kinds of
>"birdies" up and down the 20M band... don't know about 40M yet.. I did
>go down and "check" to see if his computer was on when the birdies
>started today and sure enough they coincide with his computer
>operation. So any ideas about what I can do????
>Thanks, 72/73 Dennis K3ETS Dallas

>
>

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|-----|
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRP'er Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
|   Internet:   rgobrick@nfld.com |
|               bgobrick@nlnet.nf.ca |
|   Compuserve: 70466.1405@compuserve.com |
|-----|
```

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [5818] Re: New members/DVRA hamfest
Message-ID: <960318122130.23e6c61a@carib.vf.mmc.com>

Kevin and the gang,

Correct me if I'm wrong, but I believe the DVRA hamfest is scheduled for this coming Sunday, March 24th at Trenton State College north of Trenton, NJ.

It is on Rt 31 south of RT 95 near the PA border. Rt 295 does a switchie going around Trenton and magically becomes Rt 95 west of the RT 1 intersection.

As for old keys, well, no, not me.

Also re Yonkers - sorry, that's too far!

Mike Marmor: I know that Vince has an INET badge and so do I. 440 is no goo for me - no rig. And as for an oddball PL tone, NG, I'm too cheap to buy a modern HT. Gotta spend what little money I have on HF QRP rigs :-).

And I can almost guarantee I won't be there at 8 am. 9 maybe!

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: Ahlgren Jukka <Ahlgren@ncsbsr02ou.ntc.nokia.com>
Subject: [5796] RE: New QRP level???
Message-ID: <314D3449@ncsbsr01ou.ntc.nokia.com>

> I heard a guy on 14.06 the other night sending CQ QRP, CQ QRP, so I
>reached up and turned the 735 down to 3 watts and answered him. He was in
>New Jersey and gave me a 549; not great but acceptable. I told him I was
>running 3 watts and he come back and tells me his "QRP" rig is a TT Scout;
>no problem except he was running 50 watts out!!! I asked for a repeat;
>thought maybe I had copied it wrong. Nope; 50 watts. I guess he thought
>if you were under 100 watts then you were QRP. :-)
> Chuck, does this mean the FOXes can run 50 watts next year and still
>be QRP? ;-)
>--
>KK5RO Butternut Vertical
>Vernon A. Hatley Oak Hills Explorer II
>46 states - 40 countries
>

I guess that the guy was just looking for QRP'ers to answer his call.
If someone calls CQ QRP, that will probably mean "I want to work
a qrp station", just like someone else calls CQ DX, which means
"I want to work a DX station".
Just a thought.

Jukka OH6SC

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [5801] Re: New QRP level???
Message-ID: <Pine.SOL.3.91.960318064618.27004B-1000000@utkux4.utcc.utk.edu>

On Sun, 17 Mar 1996, Vernon A. Hatley wrote:
> no problem except he was running 50 watts out!!! I asked for a repeat;
> thought maybe I had copied it wrong. Nope; 50 watts. I guess he thought
> if you were under 100 watts then you were QRP. :-)

Let's all remember that the standard max power for those serious about
operating QRP and knowledgeable about the subject is 5 watts. However,
the origins of QRP in the Q-signal set means: QRP? Shall I reduce
power; and QRP Reduce power. To the 50-watter, he reduced power relative
not only to the linear users, but also relative to the de facto
commercial rig standard of 100 watts output. He need not have presumed
the old club standard; there are plenty of overpowered signals on the
band to make 50 watts an interesting first challenge in QRP. Now we
should hope that he continues to be interested enough from QSOs with
those running a lot less to keep on coming down (except as absolutely
necessary for some legitimate communications purpose) to try his hand at

5, 1, .1, and perhaps lower.

We sometimes disparage the old club 100 watt limit as arbitrary (and, of course, insufficient). But remember that 5 watts is equally arbitrary, held together only by the mutual agreement among those most interested in low power operating. If it takes 50 steps of power reduction for a newly interested ham to reach 5 watts, great. I encourage him and will not rush him. Some dive into the ocean; others wade out into it. All are welcome because the ocean is so big, with room for all approaches.

Now suppose that the movers and shakers of the QRP movement should decide, based on many decades of experience, improvements in receiving technology and greater efficiencies in transmitting systems, etc., that 5 watts is really too easy, that "real" QRP does not begin until the 100 mW level, with QRPP beginning at about 1 mW. Would we follow their challenge? Would we refuse, saying "You can't do that, because QRP IS 5 watts, period." Would we give up and try something else in ham radio? Now put yourself in the shoes of these hypothetical mover/shakers: how would they go about encouraging folks to join them at these new "standard" levels? Any answers you think of that have a good chance of working are also good techniques for encouraging the 10 to 1500 watters to come on down to 5.

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: lhalliday@creo.bc.ca
Subject: [5834] Re: Parts for the Epiphyte-2
Message-ID: <9602188271.AA827178965@mail.creo.bc.ca>

Ted asked:

> The posting about the Murata filters for the Epiphyte-2 reminded me
> to ask the group about the availability of parts like the Murata
> filter, which I think can only be obtained from Cirkit in England. I
> recall a posting last year that indicated Cirkit isn't shipping
> small orders to the US anymore.

Cirkit shipped a smallish order (about 30 pounds) to me a few weeks ago. But then I'm in Canada...

Why not ring them and find out? Or order a bunch and make it a club project? They also carry things like those coveted Plessey ICs (SL6440, SL6700, etc.), so padding an order isn't at all difficult.

Mainline (also in England) carry Murata stuff (as well as all kinds of other incredibly cool RF-ish things). They too have no qualms about shipping to Canada; your mileage may vary.

If I can afford to, I like to pad orders anyway. Chances are, if I get something I had difficulty getting any other way, somebody else may have encountered the same problem, and it can really make somebody's day to present them with the one part that was delaying their project.

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.bc.ca	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: kb7et@usa.pipeline.com (Jim Sheffield)
Subject: [5813] Re: QRP+ For Sale
Message-ID: <9603181543.AA07272@pipe8>

On Mar 18, 1996 06:28:54, '"Jim Larsen" <jlarsen@alascom.com>' wrote:

>VF0520S for sale.

Howdy, Jim: I'm interested in the vfo, if you want to sell it separate from the rig. Also am interested in the Century 22, should you decide to let it go (ask the XYL!!!).

73 de Jim, KB7ET
kb7et@usa.pipeline.com
--

Jim Sheffield

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: torell@sicom.com (Kent Torell)
Subject: [5817] Re: Repost: Free to a good home...
Message-ID: <v02130501ad73466b5a97@[192.91.202.41]>

> Anyhow, 166.7 KHZ crystals (got a few). Just tell me what you want
> them for and your plans. We'll work out shipping.
>
> Sheepishly Yours,
> John- N5INZ

Note that the 3rd harmonic is 500 Khz....might make band markers or such
for our rigs. If we divide by 10, then the markers would be every 16.66
Khz (sounds weird) 0 Khz, 16.6 Khz, 33.3 Khz, 50.0 Khz, 66.6 Khz,
83.3 Khz (100 Khz, etc.) The price is right...

ab7oa

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: mizrahi@svlhp8.scs.philips.com
Subject: [5850] RE: step-by-step debug for the 40-9er receiver
Message-ID: <9603190119.AA06609@svln20.scs.philips.com>

The 40-9er is simple enough to write almost a complete test procedure,
so here it is:

Debugging the 40-9er Receiver

The debug procedure for the receiver involves going through the schematic
and checking the RX signal path from the inputs of the LM380 backwards.
Listen to it and touch the appropriate pins with some wire - a resistor
lead works just fine.
If you can hear some "scratching" - the signal path is most likely OK from

this point to the headphones.

Before running this test, let's check the obvious first:

Are the headphones OK? are they compatible with the socket in use?

If this is fine, proceed with electrical debug.

First check all the supply voltages:

LM380 pin 7	9V (depends on battery or supply in use)
NE602 pin 8	4.7-5.3V

Check the GND connections with an ohmmeter to the supply GND, no more than a fraction of an ohm is acceptable:

LM380 pins 2,4,5
NE602 pin 3

If you have another receiver then this is an easy step:

NE602 osc	oscillator circuit defective? "sniff" the oscillator with another receiver: tune between 7.035-7.045 with a short wire as an antenna for the other receiver very close to the (powered) 40-9er board. if nothing is heard - debug the oscillator circuit.
-----------	--

Next follow the receive signal path, using the procedure described above, in this exact order:

test point	what to do if no sound
LM380 pin 3	check the LM380 supply, pin connections, etc., bad LM380?
RFC2-C9	check across RFC2 with an ohmmeter, a few hundred ohms is acceptable - bad RFC2?
Q1(drain)-C9	bad C9?
NE602 pin 4	check pins of Q1, check voltage on gate of Q1 in RX
NE602 pins 6,7	oscillator circuit defective? skip this step if you already verified the oscillator is working.
NE602 pin 1	check D1 for short, some short between ANT and pin 1, if all OK - bad NE602?
ANT	RX ANT not connected to this point? bad R1?

If all the above looks fine, you have to deal with the worst problems:

NE602 oscillates at VHF frequencies
some intermittent (Good Luck!)
bad solder joint - hope you didn't build it tight and "ugly" like me (took

some time to find those fine shorts)

73 DE ORI AC6AN

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: kb7et@usa.pipeline.com (Jim Sheffield)
Subject: [5808] Re: Thanks!
Message-ID: <9603181451.AA02257@pipe8>

John:

I noticed in a recent posting of yours in my qrp-1 list that you have "300-500" crystals. I'd like to get a few for a couple of old tube-type xtal-controlled transmitters I am working on. Any interest in selling me some?

73 de Jim, KB7ET
kb7et@usa.pipeline.com
--

Jim Sheffield

From owner-qrp-1@Lehigh.EDU Mon Mar 18 22:04:54 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [5836] re: THE HISTORY OF QRP
Message-ID: <9603182039.AA26834@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: THE HISTORY OF QRP

Thanks to all who responded to my earlier question about The History of QRP in the US.

Brad, WB0CGH